## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | .OA GI | DATE     |  |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|--|
| FEE DETERMINATION         |          | ,      |          |  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 4/2    | 5/2/2/   |  |  |  |  |  |  |
| FORMALITY REVIEW          | Ja       | 720    | 09-05-01 |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | TA_      | 1/13   | 11-20-01 |  |  |  |  |  |  |

## INDEX OF CLAIMS

| ., | Rejected                   | N | Non-elected  |
|----|----------------------------|---|--------------|
|    | Allowed                    | 1 | Interference |
| _  | (Through numeral) Canceled | Α | Appeal       |
|    | Restricted                 |   | Objected     |

| _   |       |            |              |  |         |                  |            |  |           |            |           |       |          |            |         |          |           |          |         |          |             |            |                |           |     |                         | Claim Date     |          |        |   |              |          |               |                        |               |                   |          |                              |              |           |                |            |                                       |   |
|-----|-------|------------|--------------|--|---------|------------------|------------|--|-----------|------------|-----------|-------|----------|------------|---------|----------|-----------|----------|---------|----------|-------------|------------|----------------|-----------|-----|-------------------------|----------------|----------|--------|---|--------------|----------|---------------|------------------------|---------------|-------------------|----------|------------------------------|--------------|-----------|----------------|------------|---------------------------------------|---|
|     | Cla   | im         | im Date      |  |         |                  |            |  |           |            |           |       | -        | Claim Date |         |          |           |          |         |          |             |            |                |           | ľ   | Ula                     |                |          | Т      | Т                                       | Ť            | Jale     | <u>,</u>      |                        | 1             | ;                 | i        |                              |              |           |                |            |                                       |   |
|     | Final | Diginal    | K            | 7 5 24   | 13      |                  |            |  |           |            |           |       |          |            |         | Final    | Original  |          |         |          |             |            |                |           |     |                         |                | B        |        | Plat                                    | leui<br>Giua | A        | V             | Δ                      | 1             | I                 | 1        | 3                            | ſ            | É         | (              | <b>)</b> ( | J                                     | ÞΥ                                      |
| 1   | _     | Ŋ          | )<br>        | 7  |         |                  |            |  | Ŀ         | ŀ          |           |       | $\Box$   | $\Box$     | [       |          | 51        |          | _       | _        | _           | _          | 1              | 1         | +   | $\perp$                 | -              | 7        | ٦      | _                                       | 101          | $\dashv$ | 4             | 1                      | +             | -                 | -        | _                            | <del> </del> | ╀         | ╀              | -          |                                       |   |
|     |       | (          | 2            | $\prod$  |         |                  |            |  | L         | ╀          | 1         | 4     | 4        | 4          |         | -        | 52        | -        | _       |          | <u> </u>    | ┡          | ╁              | +-        | +   | +                       | +              | $\dashv$ | }      |   | 102          | -        | $\dashv$      | $\dashv$               | $\dashv$      | +                 |          | H                            | ┢            | ╁         | +              | +          |                                       | 1                                       |
|     | 7.7   | 3          | L            | Ц  | $\perp$ |                  |            | ٠  | ļ.,       | 1          | 1         | 4     | 4        | 4          | .       |          | 53<br>54  | $\dashv$ |         |          | $\vdash$    | ⊢          | ╀╌             | +         | +   | +                       | +              | $\dashv$ | ŀ      |   | 104          | $\vdash$ | $\dashv$      | $\dashv$               | $\dashv$      | +                 |          | -                            | +            | +         | +              | 1          |                                       | į.                                      |
| *   | ۷.    | 14         | Ш            | arphi  | -`\     |                  | 12.        | - '  | ┝         | +          | +         | +     | +        | -          |         | -        | 55        | -        |         | _        | -           | H          | +              | +         | +   | $\dagger$               | +              | ┪        | t      |   | 105          |          |               | 7                      | 7             | 7                 |          | Г                            |              | E         |                |            |                                       | ì                                       |
| ,   |       |            | $\mathbb{H}$ | H  | -       |                  |            | -1-  | -         | +          | +         | -     | +        | -          |         |          | 56        |          |         |          | -           | t          | T              | T         | +   | $\top$                  | 1              | ٦        | Ì      | _                                       | 106          |          |               | $\overline{\setminus}$ |               |                   |          |                              |              | I         | Ι              | ].         |                                       | Î                                       |
| 4   | -     | ۱          | #            | H  | -       |                  | 4          |  | ╁         | +          | +         | +     | 7        | 1          |         |          | 57        |          |         | _        |             |            | T              |           |     | $oldsymbol{\mathbb{I}}$ | $\perp$        |          | •      |   | 107          |          | _             | _                      | _             |                   |          | L                            |              | 1         | ╧              | 4          |                                       | į.                                      |
|     | . 1   | Н          | H,           | ż  |         |                  |            |  | Ė         | Ť          | $\forall$ | 1     | 7        |            | -       |          | 58        |          |         |          |             |            | L              | I         |     | $\perp$                 | $\downarrow$   | 4        | ١      |   | 108          | -        | _             |                        | _             | _                 |          | ـ                            | ╀            | +         | +              | 4          |                                       | ŀ                                       |
| G   | 7     | 6          | Ž,           | 7  | ~       | -3               |            |  | 1         | T          |           |       |          |            |         |          | 59        |          |         | L        | L           | ┺          | 1              | 1         | 4   | 4                       | 1              | 4        | . }    | _                                       | 109          | -        | $\dashv$      | -                      |               | $\dashv$          | <u> </u> | ╀                            | ╁            | ╀         | ╀              | 4          | ,                                     |   |
| Č.  | 7.    | (10        |              | 1  | ī       | 7                |            |  | Γ         | Ι          |           |       |          |            | .       |          | 60        | L        | L       | L        | Ļ           | ┡          | $\downarrow$   | $\perp$   | +   | +                       | +              | 4        | ŀ      | _                                       | 110          | _        |               |                        | -             | -                 | -        | ╁                            | ╁            | ╁         | +              | ٦.         | . ;                                   | Ė                                       |
| ů.  |       | C          |              | П  |         | 3                | 14         |  |           | 1          | $\perp$   | 4     | _        | 4          |         | Ŀ        | 61        | -        | ٠.      | -        | 1           | +-         | +              | +         | +   | +                       | +              | -        | l      | _                                       | 112          | -        | $\vdash$      | _                      | Н             |                   | ┝        | ╁                            | +            | +         | +              | 1          | :                                     |   |
| 7   | 8     | (T)        | 4            | Ц  | 1       |                  | Ľ          | 1  | $\perp$   | 1          | 4         | -     |          | _          |         | -        | 62<br>63  | -        | -       | ┝        | +           | ╁          | ╁              | +         | +   | +                       | +              | $\dashv$ |        |   | 113          | -        | Н             |                        | ٠.            |                   | -        | T                            | t            | +         | +              | 7          | ŧ                                     |   |
| ٧.  | :     | 1          | `-           | Н  | +       |                  | -          | -  | +         | +          | $\dashv$  | -     | $\dashv$ | $\dashv$   |         | H        | 64        | $\vdash$ | -       | -        | ╁           | ╁          | +              | +         | +   | +                       | $\dashv$       | ᅱ        |        | ┢                                       | 114          | +        | -             |                        |               | П                 |          | T                            | T            | $\top$    | I              | <u></u>    | . 7                                   |   |
|     | 9.5   | 11         | _            | H  | +       | -                | ļ.,        | -,   | +         | +          | -         | -     | -        | $\dashv$   | ٠.      | $\vdash$ | 65        | ╁        | -       | ┝        | ╁           | ╁          | ╁              | $\dagger$ | 7   | ┪                       | 7              | _        |        | ,                                       | 118          | 1        |               |                        |               |                   |          | L                            | I            | I         | I              |            | •                                     |   |
| 多   |       | 10         | _            | Н  |         | 1                | 3.0        |  | +         | +          | +         | 3.8"  | ÷        | 3.         | . ,     | ┝        | 66        |          | -       | 1.       | T           | +          | 1              | T         | 1   |                         |                |          |        |   | 110          | —        |               |                        |               |                   |          | $\perp$                      | 1            | 1         | 4              | 4          |                                       |   |
|     | 7     |            | _            | H  | +       | 7.               | 100        | 1  | +         | 1          | 4         | ,     | -        |            |         |          | 67        | Τ        | Τ       |          |             |            | T              |           |     |                         | $\Box$         |          |        |   | 117          |          | Ŀ             | _                      | _             | L                 | <u> </u> | ╀                            | +            | 4         | +              | 4          | ٠,                                    |   |
| 4   | F     |            |              |  |         |                  | <i>,</i> 5 | 947  |           | 1          |           |       | j,       |            | 3 . i   |          | 68        | L        |         |          | 1           | I          |                |           | 1   | _                       | _              | $\dashv$ |        | L                                       | 11           | -        | <u> </u>      | L                      | _             | ⊢                 | <u> </u> | +                            | +            | +         | +              | 4          |                                       |   |
| A.  | Ö     | -          | -            | T  | 3       | - 74             | 10-        | 1  |           | Ç.         |           | . :   | 74       | 124        |         |          | 69        | 1:       | 1.2     |          |             | 1.         | 1              | _         | _   | _                       |                |          |        | L                                       | 111          | +-       | ļ.            | <u> </u>               | <del> -</del> | ┝                 | +        | ╁                            | +            | +         | +              | $\dashv$   | ្នា                                   | <br>;                                   |
|     |       | 2          | o.           | Z  |         | 1                |            | 1  |           | 5          |           | į.,   | 2        |            | 3.4     | vi.      | 70        | ٤        | · ·     | . 4      |             | 1          | -              | 4         | _   | _                       |                |          |        | Ľ                                       | 12           | -        | 1             | _                      | -             | ļ.                | ┞-       | +                            | +            | +         | +              |            | ž 1                                   |   |
| ŧ.  | 13    | . 2        |              | H  | 100     | .7               | . 3        | 1  | _         |            | 3         | . 1°  |          | 20         | 4       |          | 71        | _        | 3       | 1        | $\perp$     | Ŀ          | 4              | 4         |     | _                       |                |          | 7      | -                                       | 12           | _        | H             | -                      | -             | -                 | +        | 10                           | +            | +         | -              | H          | ±¥.                                   |   |
|     |       | § 2        | Σ            | N  | J.      | įÌ               |            |  |           |            | 3         |       |          | 3.5        | 7.1     | L        | 72        |          |         |          |             |            |                | -         | -   | _                       | _              | 14.5     | 1      | H                                       | 12           | _        | , ,           | 1.5                    | 100           | -                 | +        |                              | 7            | ,         | 7. I           | 7          | 3                                     | - 1                                     |
|     |       |            | 3            | 謹  | N       | 64               | -          |  |           | Ů.         | ij.       | 4     | 1        | *          | ž       | - 2      | 73        | _        | _       | X        |             | 3          | 7              | 1         |     | - 3                     | 2              |          |        | -                                       |              |          | 34            | 1                      |               | Ť.                | 1        | 2 3                          |              | Ť         | 지              | 7          |                                       | 7. 7.48                                 |
| À   |       |            | 4            | 懿  | 8       | Ķ.               | 2          | -  |           | V.         | 4         | al la | 30       | 温          |         | **       |           |          | -       | 33       |             | ¥ -        | +              | 3         | ,   | ,c                      |                | 12       |        | 1                                       | 1.5          |          | 3,7           | 3                      | 14            | 3                 | Ē        | _                            | _            | 1.        |                | 20         | <b>1</b>                              |   |
|     |       |            | 25           | 髓  |         |                  |            |  | _         | 美          | 級         | ***   | 影        | 海          | 1       |          | _         |          |         |          |             | 7 1:       |                | +         | ,   | + E                     | 3              | 34       | 30     | T.                                      | 12           | -        | J.Š           |                        | 174           | 10                | 4        | , J                          | a d          |           | <u>.</u>       | 195        | 滿                                     |   |
| Á   |       | _          | 8            | 10   | Н       | 8 32             |            | -  | 3 7       | \$6<br>575 | A.        | 實     | 旭        | 13         | 8       | -        | -         |          |         |          |             | -          | 3              | 7         | ्र  | · c                     | . <sub>}</sub> | Α.       | 544    | 3                                       | , 12         | 7        | 13            |                        |               |                   |          | _                            |              | 7: 1      | i.e            | 33         | 53                                    | 4                                       |
| ř   | *     |            | 8            | 經濟   |         | 1                |            |  | 37 L      | 20         | ik.       | 3     | 1        |            | 100     |          | -         |          |         | 32       |             |            |                |           |     | v.                      |                |          |        | ľ                                       |              | -        |               | L                      |               | 1                 | 1        | 1                            | 4            |           | 4              |            | 777                                   | ري ا                                    |
| á   |       | -          | 29           |  | H       |                  | -          |  |           |            | 31        | 1     | .,       | 3          | 33      | -        | 79        | 3        |         | 2        |             | _          |                |           |     |                         |                | Ŀ        |        |   | 12           |          |               | L                      | -             | 1                 | +        | +                            | +            | 4         | +              | -          |                                       |   |
|     |       |            | 30           |  | Ħ       | 3                |            |  | _         | 4          | ψ.        |       | ***      | 77.0       | 2.7     |          | 8         | _        | 1       | 1        | 7 3         | *   *      | 1              | 4         | : . |                         | _              | Ŀ        |        |   | 13           | _        | -             | ╀                      | +             | F                 | ╁        | +                            | +            | +         | $\dashv$       | $\dashv$   | . F( )                                |   |
| Ŷ,  |       | 3          | 31           | . 9  | П       |                  |            |  | 5         |            | *         |       |          | L          | 1       | L        | 8         |          | $\perp$ | 7        | 4           | 4          | -              | _         | _   | _                       | ļ              | $\vdash$ | ١.     | -                                       | 13           |          | 1             | +                      | ╀             | +                 | +        | +                            | 十            | +         | 7              | ᅥ          | . 4                                   |   |
| ø   | Î     | _          | 32           | _  |         | À.               | -          |  | -         | 4          |           |       | 14       |            | 1)      |          | 8         | _        | _       | 4        |             | +          |                | $\dashv$  |     | -                       | -              |          |        | $\vdash$                                |              | 33       | +             | ╁                      | ╁             | 十                 | +        | +                            | +            | $\dashv$  | 1              | 7          | - 29                                  |   |
|     | 2     |            | 33           | 1  |         | 8                |            |  | į.        | 3          | 3         |       | L        | 1          |         | ŀ        | 8         | _        |         | . 10     |             | 7          | +              |           | 4   |                         | -              |          |        | H                                       |              | 34       | y             | 1-                     | , E.          | 1                 | 1        | $\top$                       | $\Box$       | $\Box$    | 3              | 2          | 7                                     |   |
|     | m –   |            | 34           | 3  |         | 3                | -          |  | 3         | 級          | 始         | 14    | 10       | 1          | 3       | 1        | 8         |          | 4 .     | ٠,       |             | +          |                | - :       | ž.  |                         | -              | -        | 1      |   |              | 35       | 44            | , I                    |               | ,                 | i        | I                            | $\Box$       |           |                | 100        |                                       | 8.3                                     |
| Ŋ,  |       |            | 35<br>36     |  | _       | )<br>)<br>)<br>) | Y E        | _  | * ·       | **         | 談         |       | 1        | 1          | 13      |          | 8         |          | 1 3     |          |             |            | +              | -         | 3   | 1                       | 15             |          | 2      |   | r            | 36       | _             | _                      | 建             | _                 | _        |                              | é l          | 22        | 13             | -6         |                                       |   |
|     |       |            | 37           | 盤  | 3       |                  |            |  | 2         | 3.4        | 1         |       | À        | _          | - 472.  | 3        | , 8       | 7        | £ 7     | 4        |             | ):         |                | ). T      | 1.  |                         | ·              | 3,4      |        |   |              | 37       |               | -                      |               |                   | Ŀ        |                              |              | 1         | $\dashv$       | > 8        | ,                                     | 1                                       |
| K   | Ø     |            | 38           | 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100 | 1 5     | 1 12             | A 3        |  | 9         | ¥          | ya,       | 15    | 7,       |            |         | 1 3      | . 8       | 8 ,      | i 3     |          | _           | 8          | ŗ              | 10        |     | 3-                      | 17.            | 1.       | 1:     |   |              | 38       | : (3)         |                        | +             |                   |          |                              | ,            | <u> </u>  | 1.5            | 145        | 凝                                     |   |
| Š   |       | 100        | 39           | 9  | ĺ       | 1                | 8 8        | -  | 1         | 数          | ji)       | 33    | 3        | 8          |         | ĮΓ       |           | 9        | 7       | L        |             |            |                | 111       |     | <u> </u>                | 1              | 13       |        | - 12                                    | _            | 39       | 17            | -                      | 1             | +                 | +        |                              | 3            |           | <del>.</del> " | 1          | 液                                     | 21.00                                   |
| N.  |       |            | 40           |  | 1       | 1                | F.         |  | 5         | (3)        | €.        | 1     | T        | Τ,         |         | Ĺ        | 9         | 0        |         |          | T           |            |                |           | Ĩ.  | L                       | L              | Ľ        | 1      | <u> </u>                                | - 1          | 40       | -             | +                      | 1             | +                 | +        | -1                           | 7            | $\exists$ | -              | 7          | 224                                   | 1                                       |
| Š   |       | 被          | 41           | 74   | V V     | 1                | 意          | ¥ į  | 狄         | , t        | 30        | . 1   | į.       |            | $]_{i}$ | 2        | 7.        | 11 8     |         |          |             |            | -,             | _         | L   | L                       | L              | 1.       | 4 .    | 1                                       |              | 41       |               | 4                      | +             | +                 | +        | +                            | $\dashv$     |           |                |            |                                       | 3.4                                     |
| h   | 劉     | <b>W</b>   | 42           | 1  | 1       | y B              | 6 A        |  | <u></u>   | 13,        | 3         | 75    | (2)      | 1          |         | •        | _         | 2        | 1       | 4        |             |            | ٠ <u>٩</u> :   | L         | ├-  | -                       | 1              | +        | - ;=   | ŀ                                       |              | 42<br>43 | 1             |                        | +             | +:                | +        | $\dashv$                     | 7            |           | , v            | ,          | 1                                     | le var                                  |
| W.  |       |            | 43           |  | 1       | g.               | _          | -  | 猫         | 100        |           | (44)  | -1"      | _          | 10      | 5 L      | _         | _        |         | _        | -           | 4:         | yur I<br>New   | - 2       |     | 100                     | +              | 17       | 4.     | Ŧ                                       |              | 44       | * 1.3<br># 15 | -                      | : 10          | +                 | +        | 1                            | ্বা          | 7         | 3              |            | 1                                     |   |
| ø   |       | 纏          | 44           |  | 3       |                  |            |  |           | 10         | -         | -     | 13       | · (2)      | -       | ŀ        | _         | 34       | ۲,      | <i>)</i> | -           | 4:<br>X-   | 5              | 2.5       | -   | 7.                      | +              | +        | 7.2    |   |              |          |               |                        | -             |                   |          |                              | 3            | 127       | **             |            |                                       | 图象                                      |
| À   | W     | 鸖          | 45           |  | 亂       |                  | _          |  | 28.       | *          |           |       | 1        | ¥ 7.       | 40      | į ľ      | <u>``</u> | 6        | 1       | 4        |             | 250<br>250 | <u>ئ</u><br>چە |           | -   | -                       | -              |          | 13     |   |              |          | . 4           |                        |               |                   | -1:      |                              | <i>(</i> (2) | 34        | 7.             | Ų.         | 鸑                                     | 1                                       |
|     |       | 100        | AL<br>A      |  |         |                  |            |  | 翻         | 8          | 3         | k -4  |          |            |         | 1        |           | 70       | 2 P     |          | 2           | 73         |                |           | 10  | Ť                       | 1              | -        |        | •                                       | 7 1          | 47       | 5             | ٠.                     |               | _                 | -        |                              | riv<br>et    | 1         | . j            | 7          | 13                                    | 原道                                      |
| Š   |       | 235<br>201 | 47           |  |         |                  | ii.        | \$25<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20<br>\$20 | en.<br>Pa | **         | +         | +     | -+-      | 2 2        |         | ŀ        | -         | 8        |         |          | -           |            | ÷÷             |           |     |                         | Ι              |          |        | ֓֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֞֓֓֓֡֓֡֡֡֡֡֡֡֡ |              | 48       | 1             | $\perp$                | 1             |                   | 4        |                              | (A)          | 7.7       | 77<br>27       | 13         | 1.3                                   | 23.                                     |
| g.  |       | 織機         |              |  |         |                  |            | ·  | 577       | 3          | _         | v.    | - 1-     | -3         | :[:     | 4        |           | 99       | W       |          |             | 1          |                |           | E   | E                       | E              | $\perp$  | ]      |   |              | 49       | 4             | - -                    | 1             | +                 | 4        | 4                            | -            | Ĥ         | 18             | 7.17       | 13                                    | ( · · · · · · · · · · · · · · · · · · · |
| X   |       | 聯          | 50           |  | 7       |                  |            | 63   | 17        |            | -         | _     | _        |            | ]       |          |           | 00       | · †,.   | 1        | $\subseteq$ | 7.         |                |           | Ĺ,  | بل                      | Ļ              |          | الإ    | ļ                                       |              | 50       | ᆛ             | Ļ                      | <u>_</u>      | 1                 | · 1      | <del>المبدد</del><br>الأجهاد | لند<br>داد   | 198       |                | al d       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |   |
| ιK) | SA.   | 7.62       | 54           | N.CT   | P-N     | . Etc            | 2240       | 1.70   |           | 7.         |           | 700   | 15       | . 4        | i       |          |           | 3.       | ٠       | 200      | 5. Ju       | 500        | 33             |           |     | Ç. L.                   | ٠              |          | . i. c | ٠.                                      |              |          |               | e.                     |               | ~, * <sub>v</sub> | 11       | 4.77                         | 945          | ومتعور    | 415            | 1          | 2.5                                   | 1.00                                    |

If more than 150 claims or 10 actions staple additional sheet here.